

FIG. 1

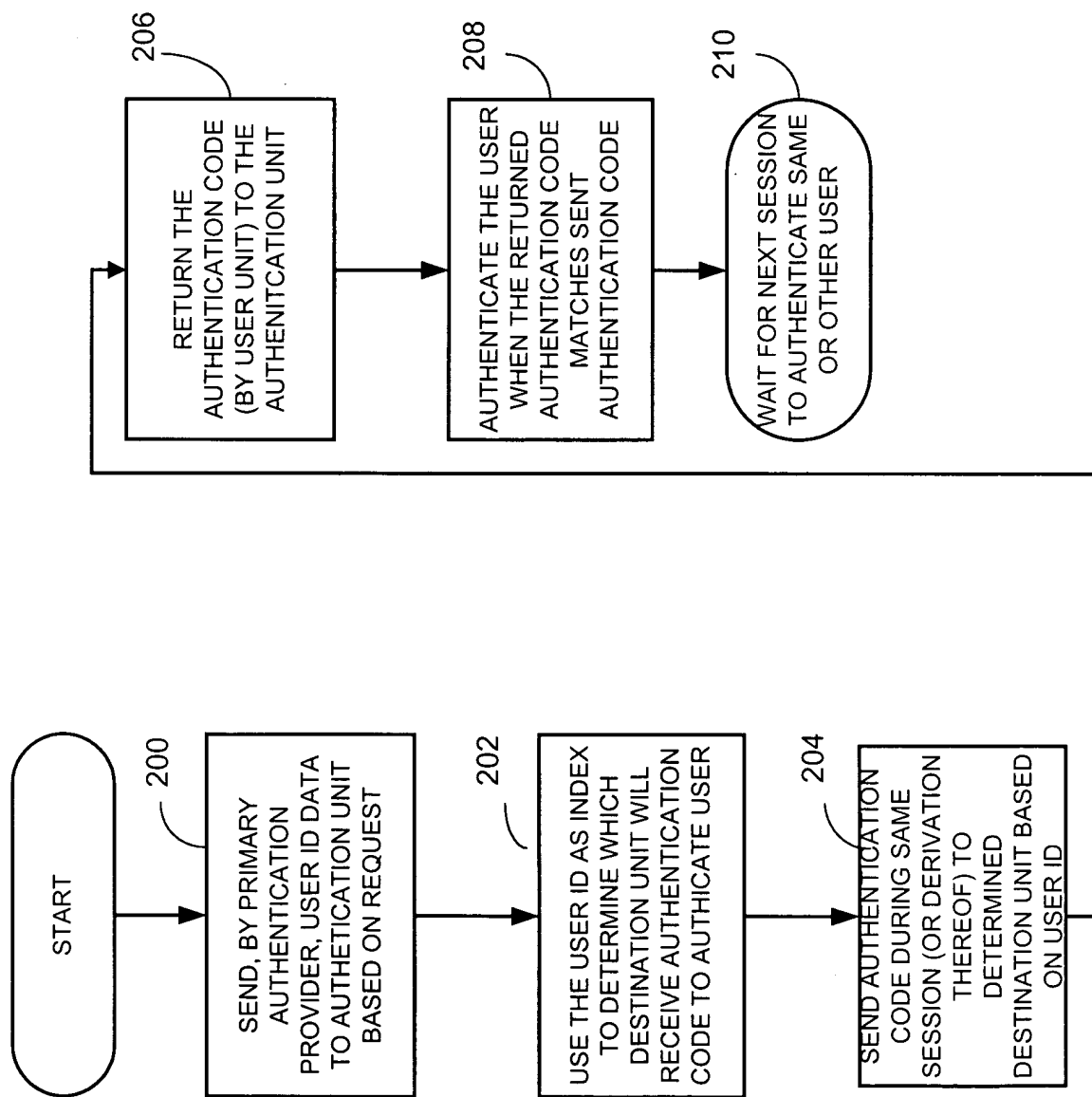


FIG. 2

FIG. 3 is a block diagram of a system for authenticating a user. The system includes a user 308, a first unit 300 (e.g., wireless internet appliance, radiotelephone, laptop etc.), a second unit 302 (e.g., web server, wireless network element etc.), an authentication unit 304 (e.g., authenticator, server or included as web server etc.), an auth code generator 28, an auth dbase 18, and a third unit 306 (selected destination unit). The first unit 300 is connected to the second unit 302 via a wireless link 310. The first unit 300 is also connected to the third unit 306 via a wireless link 312. The user 308 is connected to the first unit 300 and the third unit 306 via dashed lines. The authentication unit 304 is connected to the second unit 302 and the auth dbase 18. The auth code generator 28 is connected to the authentication unit 304. The auth dbase 18 is connected to the authentication unit 304.

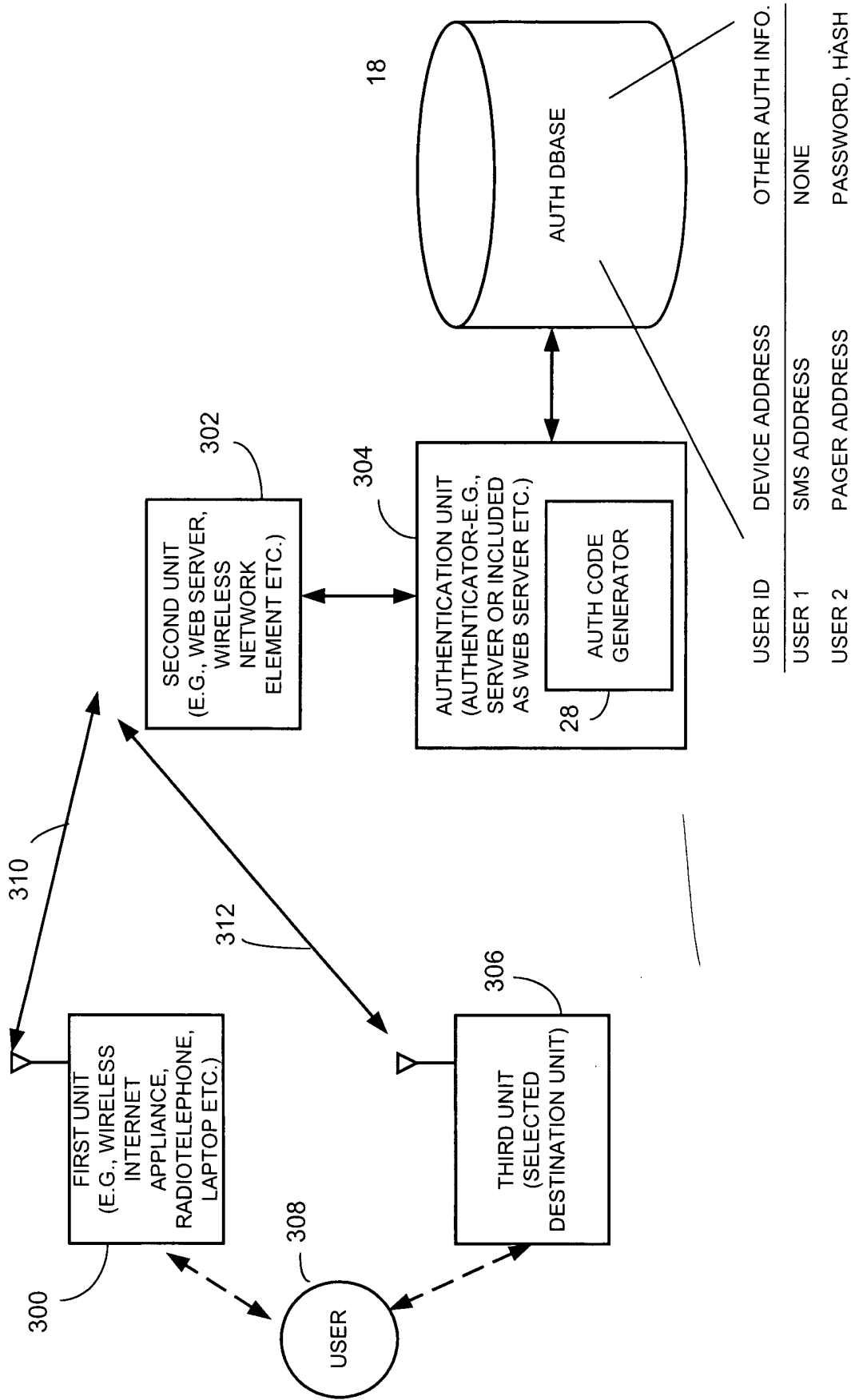


FIG. 3

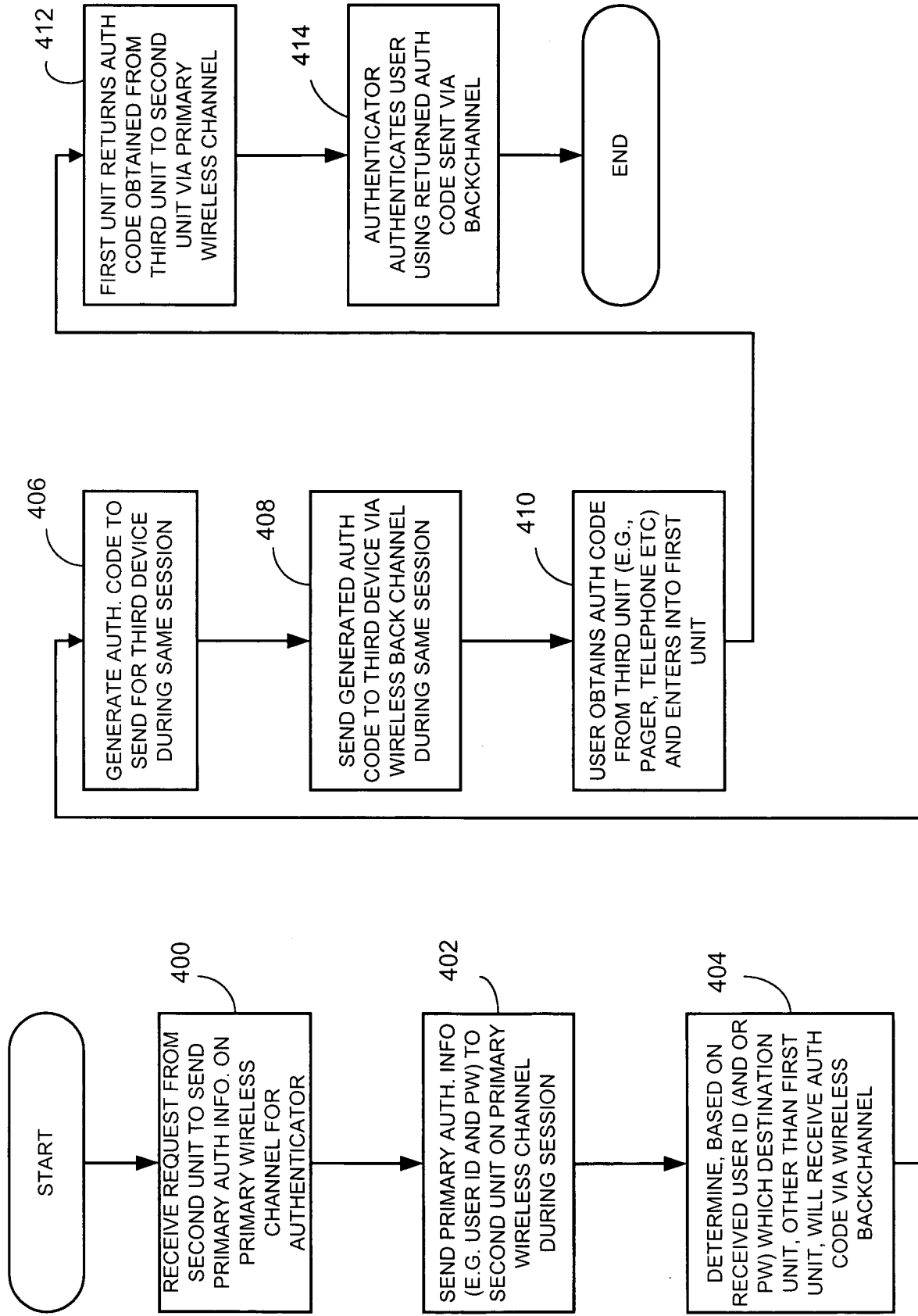


FIG. 4

FIG. 5 is a block diagram of a system for transparent retransmission of an authentication code. The system includes a first unit 300 and a third unit 306. The first unit 300 includes a user input handler 500, an authentication controller 502, a primary channel controller 504, a secondary channel controller 506, a secondary channel transceiver 510, and a primary channel transceiver 511. The third unit 306 includes an authentication code transformation block 513 and a secondary channel transceiver 506. The system is configured to receive an authentication code 312 from a second unit, retransmit it as a retransmitted authentication code 512, and then receive the authentication code 312 again from the second unit. The third unit 306 is configured to transparently retransmit the authentication code 312.

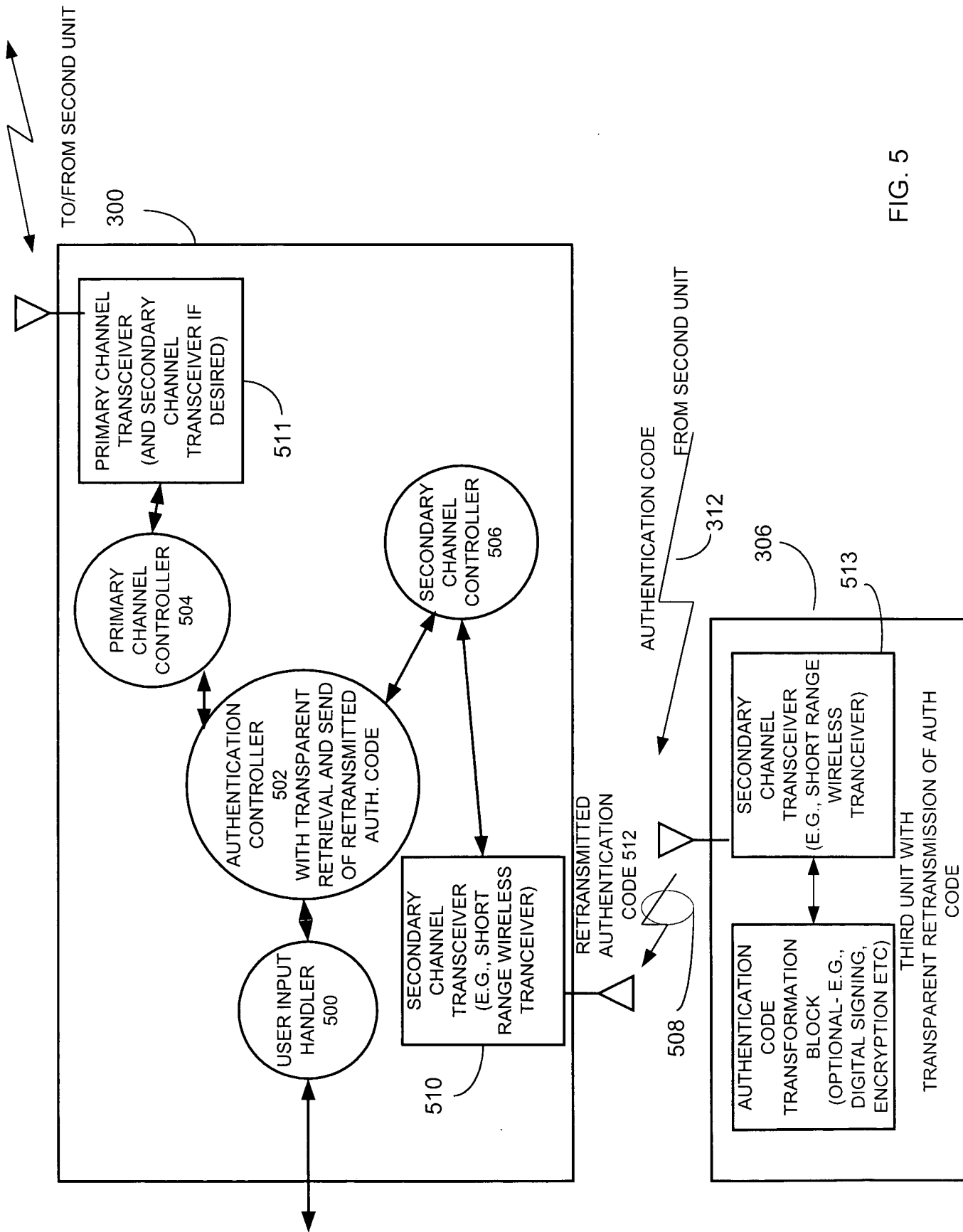


FIG. 5

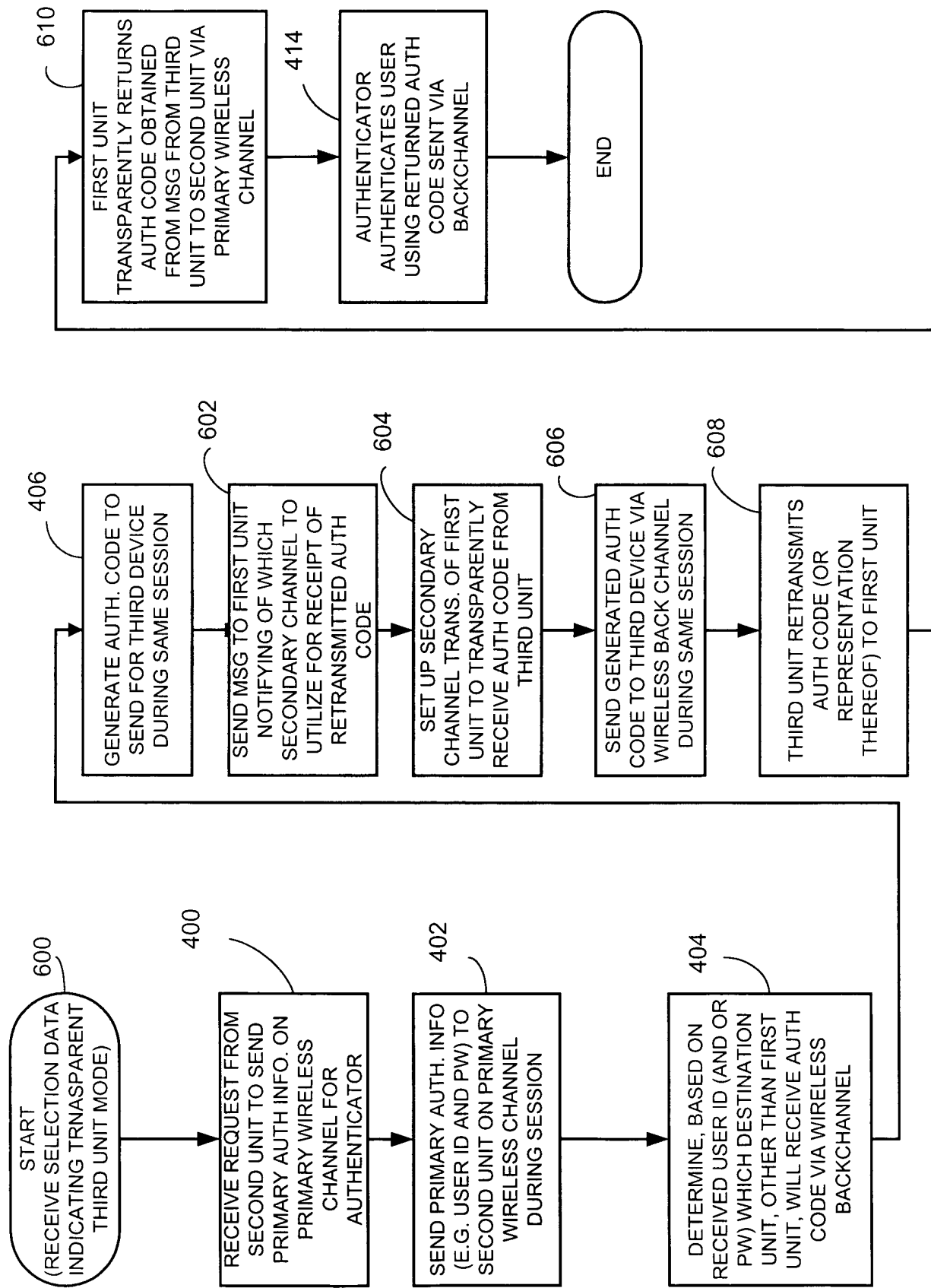


FIG. 6